

USE OF FILM-FORMING TITANIUM DIOXIDE DISPERSIONS FOR CLEANING
AND DISINFECTING SURFACES, FILM-FORMING TITANIUM DIOXIDE
DISPERSIONS

Abstract of the Disclosure

The invention concerns the use of a film-forming titanium dioxide dispersion for cleaning and disinfecting surfaces exposed to light, by depositing a film of titanium dioxide nanoparticles on said surfaces, the continuous phase of said dispersion comprising water and/or at least an alcohol with boiling point at less than 120 °C, said dispersion having, when it comprises water, a pH different by at least 1 unit of the value of the titanium dioxide isoelectric pH in said dispersion. The invention also concerns a film-forming titanium dioxide dispersion further comprises a film-forming polymer. The invention further concerns a method for cleaning and disinfecting surfaces exposed to light which consists in depositing and then drying on said surfaces a titanium oxide film-forming dispersion.